

NOTICE OF DRAFTSPERSON'S INFORMATION ON DRAWING CHANGES PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 10/08/99 are:

1. Collection of Information--37 CFR 1.82

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of corrected drawings when necessary or required. If corrected drawings are submitted according to the instructions on the back of this notice, the objection will be withdrawn.
1. DRAWINGS. 37 CFR 1.84(e). Acceptable categories of drawings: Is upside down acceptable? No. Arrangement of views. 37 CFR 1.84(i). Black ink only. Color prints unless otherwise specified. Applicability of the new drawing rules (Words do not appear on a horizontal left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)) Color drawings are not acceptable until patent is granted. Fig(s). Penmanship not permitted (Fig(s)). 1.13(e). The drawing should be better with a transition (Fig(s)). Pencils and other materials not permitted (Fig(s)).
2. PHOTOGRAPHS. 37 CFR 1.84 (b)
- 1 full-tone set is required. Fig(s) _____
 - Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
 - Poor quality (half-tone). Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(e)
- 100% Paper (flexible, strong, white, and durable). Acceptable drawings with paper thicknesses (Thickness of letters not uniformly thick and thin). Applicability of the new drawing rules (Letters not uniformly thick and thin). Fig(s). Erasures, alterations, overwritings, interlineations (Erasures, alterations, overwritings, interlineations). Fig(s). Glossy, shiny paper is not accepted (Glossy paper is not recommended). Fig(s). Mylar, vellum, paper is not acceptable (too thin) (Mylar, vellum, paper is not acceptable (too thin)). Fig(s).
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
- 21.0 cm by 29.7 cm (DIN size A4)
 - 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 - All drawing sheets not the same size. Sheet(s)
 - Drawings sheets not an acceptable size. Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
- Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 - SIZE: A4 Size
 - Top (T) Left (L) Bottom (B) Right (R)
6. VIEWS. 37 CFR 1.84(h)
- REMINDER: Specification may require revision to correspond to drawing changes.
- Partial views. 37 CFR 1.84(h)(2)
- Brackets needed to show figure as one entity. Fig(s) _____
 - Views not labeled separately or properly. Fig(s) _____
 - Enlarged view not labeled separately or properly. Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)
- Hatching not indicated for sectional portions of an object. Fig(s) _____
 - Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(f)
- Applicability of the new drawing rules (Letters not uniformly thick and thin). Fig(s). Solid black area pale (Solid black area pale). Fig(s). Solid black shading not permitted (Solid black shading not permitted). Fig(s).
 - Shade lines, pale, rough and blurred (Shade lines, pale, rough and blurred). Fig(s).
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
- 10) Numbers and reference characters not plain and legible (Numbers and reference characters not plain and legible). Fig(s).
 - Figure legends are poor (Figure legends are poor). Fig(s).
 - Numbers and reference characters not oriented in the English alphabet (Numbers and reference characters not oriented in the English alphabet). Fig(s).
 - English alphabet not used. 37 CFR 1.84(p)(2) (English alphabet not used). 37 CFR 1.84(p)(2).
13. LEAD LINES. 37 CFR 1.84(q)
- Lead lines cross each other. Fig(s) _____
 - Lead lines missing. Fig(s) _____
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(l)
- Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
- Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
16. CORRECTIONS. 37 CFR 1.84(w)
- Corrections not made from prior PTO-948 dated _____
17. DESIGN DRAWINGS. 37 CFR 1.152
- Surface shading shown not appropriate. Fig(s) _____
 - Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

REVIEWER I AM DATE 11/29/99 TELEPHONE NO. _____

ATTACHMENT TO PAPER NO. _____